

FROM

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November 19, 2001

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Special Instructions: Accompanying this transmittal for filing with the USPTO are an Amendment and Response, a Notice of Appeal and a Request for Extension of time for Serial No. 09/341,600.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:) Group Art Unit: 1652
BERRY et al.)
Serial No.: 09/341,600) Examiner: Fronda, C.
Filed: September 15, 1999)
Atty. File No.: 3161-18-PUS)
For: "PROCESS FOR PRODUCTION OF)
N-GLUCOSAMINE")

Assistant Commissioner for Patents
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SHERIDAN ROSS P C <i>Kathleen Bussell</i> KATHLEEN BUSSELL	

Dear Sir:

This Amendment and Response is submitted in response to a final Office Action having a mailing date of July 17, 2001. Enclosed herewith is a request for a one month extension of time, to extend the time for responding from October 17, 2001 to November 17, 2001. No additional fees are believed to be due in connection with this response, but in the event that fees are due, please debit Deposit Account No. 19-1970.

Please amend and reconsider the above-identified patent application as follows.

IN THE CLAIMS:

Please cancel Claims 1-39, without prejudice to or disclaimer of the subject matter therein.

Please add the following new Claims 40-70, without prejudice to or disclaimer of the subject matter therein.

40. A method to produce glucosamine by fermentation, comprising:
a. culturing in a fermentation medium comprising assimilable sources of carbon, nitrogen and phosphate, a microorganism which comprises at least one genetic modification that increases the activity of glucosamine-6-phosphate synthase, wherein said genetic modification is selected from the group consisting of: